

DECLARATION AND POWER OF ATTORNEY
(Attorney Docket No: 109878.126)

As below-named inventors, we hereby declare that:

Our addresses and citizenship are as stated below next to our names.

We believe that we are the original, and only inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIERARCHICAL DATA-DRIVEN SEARCH AND NAVIGATION
SYSTEM AND METHOD FOR INFORMATION RETRIEVAL**

the specification of which (check only one):

- ☒ is attached hereto.
- ☐ was filed as United States Patent Application
- ☐ was filed as PCT Patent Application

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, CFR §1.56(a) and §1.56(b). We also acknowledge the duty to disclose all information which is material to the patentability as defined in 37 CFR §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(e) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by us on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS
UNDER 35 U.S.C. §119(a)-(d) or 365(b), or 365(a):**

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. §119 (YES/NO)

I hereby claim benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application Number(s)	Filing Date (MM/DD/YYYY)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S)
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120 or 365(c):**

APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS: (PATENTED, PENDING OR ABANDONED)

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Alter, Scott M.	32,879
Baker, Hollie L.	31,321
Barakat, Barbara A.	32,190
Barrett, Steven D.	40,903
Bevilacqua, Michael J.	31,091
Byrnc, Sally	40,545
Cervený, David J.	44,600
Chiu, Ph.D., Nancy	43,545
Dicner, Michael A.	37,122
Dichiara, Peter M.	38,005
Discher, Gregory S.	42,488
Donner, Irah H.	35,120
Goldenberg, Richard A.	38,895
Grieff, Edward D.	38,898
Kennard, Wayne M.	30,271
Keown, Ph.D., Wayne A.	33,923
Kerner, Ph.D., Ann-Louise	33,523
Khunder, Ph.D., Janice M.	41,121
Lampert, James B.	24,564
Lari, Ayla A.	43,739
Lippert, Nels	25,888
Massa, Dominic	44,905
McIsaac, Robert	46,918
Park, Keum J.	42,059
Reyes, Jason A.	41,513
Rice, Ph.D., Grctehen A.	37,429
Steinberg, Donald R.	37,241
Superko, Colleen	39,850
Swaim, C. Hall	22,838
Vallabh, Rajesh	35,761
Wixon, Henry N.	32,073
Yeh, Luke	43,296

the mailing address and telephone number of each of whom is c/o HALE AND DORR, 60 State Street, Boston, Massachusetts 02109 U.S.A., (617) 526-6000.

Send Correspondence to:

Ayla A. Lari
HALE AND DORR LLP
60 State Street
Boston, Massachusetts 02109

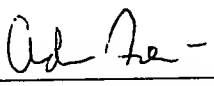
Direct Telephone Calls to:

Ayla A. Lari
(617) 526-6598 Phone
(617) 526-5000 Facsimile

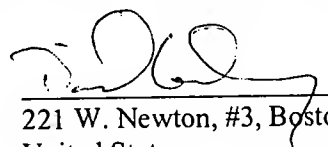
Wherefore, we petition that letters patent be granted to us for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe our names to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

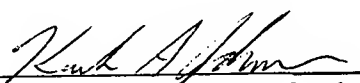
Full name of first inventor: Adam J. Ferrari

Inventor's signature  Date 10/24/2001
Residence: 32 Lee Street, #2, Cambridge, MA 02139
Citizenship: United States

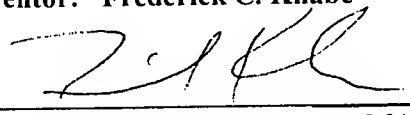
Full name of second inventor: David J. Gourley

Inventor's signature  Date 10/29/2001
Residence: 221 W. Newton, #3, Boston, MA 02116
Citizenship: United States

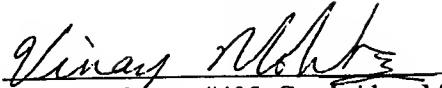
Full name of second inventor: Keith A. Johnson

Inventor's signature  Date 10/29/2001
Residence: 10 Museum Way, #1227, Cambridge, MA 02141
Citizenship: United States


Full name of second inventor: Frederick C. Knabe

Inventor's signature  Date 10/29/01
Residence: 32 Braddock Park, #2, Boston, MA 02116
Citizenship: United States

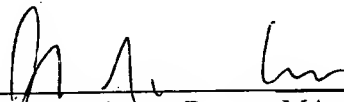
Full name of second inventor: Vinay B. Mohta

Inventor's signature  Date 10/29/01
Residence: 16 Elmer Street, #405, Cambridge, MA 02138
Citizenship: United States

Full name of second inventor: Daniel Tunkelang

Inventor's signature  Date 10/29/01
Residence: 91 Trowbridge Street, #34, Cambridge, MA 02138
Citizenship: United States

Full name of second inventor: John S. Walter

Inventor's signature  Date 10/29/01
Residence: 10 Thacher Street, Boston, MA 02113
Citizenship: United States